

WEDNESDAY, APRIL 4th, 2018

7:30 - 8:30 **REGISTRATION**

MORNING SESSION

Plenary Session (Auditorium) Moderator: Dr. Scott Stoodley, OSU			
8:30 - 10:00	<i>Perspectives on Low Impact Development Innovations at Multiple Scales: Oklahoma and Beyond</i> (Dr. Reid Coffman, Kent State and Dr. Jason Vogel, OU-OWS)		
10:00 - 10:30 BREAK - EXHIBITION AREA			
	Session A1 - WQ Standards (Room 108) Moderator: Monty Porter, OWRB	Session B1 - Potable Water Management (Room 109) Moderator: Bill Cauthron, OWRB	Session C1 - BST & Contaminants (Auditorium) Moderator: Dr. Brad Rogers, OCC
10:30 - 10:55	<i>Water Quality Management Primer: Understanding Beneficial Uses, Criteria And Antidegradation</i> (Monty Porter, OWRB)	<i>Assessing Domestic Water Consumption Patterns and Water Conservation Behaviors in Ada, OK</i> (KC Sarita, ECU Student)	<i>Step One For Water Reuse: Establish Baseline Concentrations For Compounds Of Emerging Concern (Cec) In Surface Water Supply Systems</i> (Dr. Kyle Murray, OU-OGS)
10:55 - 11:20	<i>Clearing Criteria Deliria</i> (Jade Jones, OWRB)	<i>Rainwater Treatment Options At Public Schools In Rural Sierra Leone</i> (Josephus Borsuah, Iowa Tribe [OSU Graduate Research])	<i>Impacts And Implications Of Background Bacterial Sources On Water Quality Management Efforts</i> (Dr. Kevin Wagner, OSU-OWRC)
11:20 - 11:45	<i>Statewide Data Analysis To Identify Lake Chlorophyll A Endpoints And Nutrient Thresholds To Protect Beneficial Uses</i> (Rebecca Veiga, OWRB)	<i>Updating a Wellhead Protection Plan in Response to Oil and Gas Activity: A Case Study the Winstar World Casino and Resort</i> (Curt Dikes, OWRB [OSU Graduate Research])	<i>Bacterial Source Tracking Study – Trinity River</i> (Jennifer Owens, Tarrant Regional Water District)
11:45 - 12:00	Session Wrap-up	Session Wrap-up	Session Wrap-up

12:00 - 1:15 **LUNCH (included) - Presentation by Trent Lewis, Pond Medics**

AFTERNOON SESSION

	Session A2 -Stormwater Management I (Room 108) Moderator: Vernon Seaman, INCOG	Session B2 - System Level Assessment (Room 109) Moderator: Dr. Scott Stoodley, OSU	Session C2 - Climate Impacts on OK Water Mgmt. I (Auditorium) Moderator: Dr. Jason Vogel, OU-OWS
1:15 - 1:40	<i>Stormwater Management In The Oklahoma Scenic Rivers Watershed: The Good, The Bad, And The Ugly</i> (Jahna Hill, City of Tahlequah)	<i>Satellite Remote Sensing Of Harmful Algal Blooms In The Grand Lake Watershed</i> (Abu Mansaray, OSU Student)	<i>Actionable Climate Information</i> (Dr. Mike Langston, SCCSC-USGS)
1:40 - 2:05	<i>Benefits of Regional Coalitions In Stormwater Program Management</i> (Richard Smith, INCOG)	<i>Expanding In-Situ Measurements And Predicting Secchi Disk Depths In A Eutrophic Pond Using A Small Unmanned Aerial System</i> (Juan Arango, OU Student)	<i>Improving Resiliency to Rainfall Extremes in Oklahoma</i> (Leah Kos, Southern Climate Impacts Program, OCS-OU)
2:05 - 2:30	<i>What's Happening in My Watershed? How Implementing GIS to Utilize Spatial Data and Digital Collection Techniques Can Help Solve Watershed Issues</i> (Mindi Parsell, City of Tulsa)	<i>Incorporation Of Digital Data Into Rapid Geomorphic Assessments</i> (Abigail Parnell, OSU Student)	<i>Oklahoma's Water Future: Told Through Climate Projections</i> (Dr. Adrienne Wootten, OU Post Doctoral Associate, SCCSC-USGS)

2:30 - 3:30 **POSTER SESSION - EXHIBITION AREA**

Session A3 - Stormwater Management II (Room 108) Moderator: Dr. Chris Adams, OWRB	Session B3 - Metals (Room 109) Moderator: Dr. Kevin Wagner, OSU-OWRC	Session C3 - Climate Impacts on OK Water Mgmt. II (Auditorium) Moderator: Dr. Mike Langston, SCCSC-USGS
3:30 - 3:55 <i>Upper Adams Creek Watershed Project (Tiger Creek Ecology Park)</i> (Tom Tolbert, City of Broken Arrow)	<i>Geospatial Distribution Of Trace Metals In Soils Of A Mining Impacted Agricultural Watershed</i> (Amy Sikora, OU Student)	<i>Tools For Citizen Science Drought Monitoring</i> (Dr. Nicole Colston, OSU)
3:55 - 4:20 <i>Eutrophication And Oligotrophication Of An Urban Water Supply Reservoir</i> (Paul Koenig, OWRB)	<i>Ecotoxic Trace Metal Mass Retention In Mine Water Passive Treatment Systems At The Tar Creek Superfund Site</i> (Dr. Bob Nairn, OU)	<i>Kiamichi Watershed Agent-based Model: Assessing Impacts of Future Climate and Water Exports</i> (Dr. Ron Miller, OSU Post Doctoral Associate)
4:20 - 4:45 <i>Lake Thunderbird TMDL And Its Effects On Norman's Municipal Stormwater Program</i> (Dr. Carrie Evenson, City of Norman)	<i>Recovery Of Fish Populations In An Unnamed Tributary To Tar Creek After The Implementation Of Two Passive Treatment Systems</i> (Nick Shepherd, OU Student)	<i>Climate Change Impacts On Water Availability In The Red River Basin And Critical Areas For Future Water Conservation</i> (Dr. Hamed Zamanisabzi, OU Post Doctoral Associate)
4:45 - 5:10 <i>Stormwater Monitoring: Lake Thunderbird TMDL Monitoring Plan Implementation</i> (Sarah Dexter, OWRB)	<i>Can You Help The Tar Creek Trustee Council Spend \$35 Million?</i> (Suzanne Dunn, USFWS)	<i>Managing Conflicting Water Resource Goals And Uncertainties In A Multi-Reservoir System</i> (Lin Guo, OU Student)

5:10 - 7:00 MIXER (Appetizers and Cash Bar)- EXHIBITION AREA

THURSDAY, APRIL 5th, 2018

7:30 - 8:30 REGISTRATION

MORNING SESSION

Session A4 - Aquatic Biota (Room 108) Moderator: Jean Lemmon, OCC	Session B4 - Monitoring (Room 109) Moderator: Lance Phillips, OWRB	Session C4 - Nutrients and Impacts (Auditorium) Moderator: Dr. Rebecca Bond, Kickapoo Tribe of OK
8:30 - 8:55 <i>A Comparison Of The Benthic Macroinvertebrate Community Of The Upper Blue River And An Adjoining Spring Run</i> (Dr. Bruce Moring, ECU)	<i>Probabilistic Streams Monitoring In Oklahoma</i> (Josh Bailey, OWRB)	<i>Promoting Environmental Stewardship to Reduce Nutrient Losses from Lawns and Gardens</i> (Dr. Hailin Zhang, OSU)
8:55 - 9:20 <i>Fishes Of The Blue River On Oka' Yanahli Preserve</i> (Dr. Edie Marsh-Matthews, OU)	<i>Statewide Characterization Of Oklahoma's Major Aquifers</i> (Kyle Mattingly, OWRB)	<i>Effects of Iron Addition On Blue Green Algae Abundance In Grand Lake, OK</i> (Patrick Lind, OSU Student)
9:20 - 9:45 <i>Historic Population And Community Trends Related To The Arkansas River Shiner <i>Notropis Girardi</i> And Peppered Chub <i>Macrhybopsis Tetranema</i></i> (Dr. Jonathan Fisher, USFWS)	<i>Stormwater Monitoring In Support Of Lake Arcadia TMDL Development</i> (Jason Murphy, OWRB)	<i>Eutrophication Model For A Large Texas Reservoir</i> (Mark Ernst, Tarrant Regional Water District)
9:45 - 10:00 Session Wrap-up	Session Wrap-up	

10:00 - 10:30 BREAK - EXHIBITION AREA

Session A5 - WQ Programs & Education (Room 108) Moderator: Julie Chambers, OWRB	Session B5 - Wetlands (Room 109) Moderator: Brooks Tramell, OCC	Session C5 - Watershed Planning & Management (Auditorium) Moderator: Shanon Phillips, OCC
10:30 - 10:55 <i>The Nature Conservancy's Freshwater Conservation Program</i> (Kimberly Elkin, TNC)	<i>Oxbows, Salt Springs, & Cane: Eastern Oklahoma In The Journals Of Thomas Nuttall</i> (Dr. Steve Patterson, BioXDesign)	<i>Subwatershed Prioritization Of The Lake Wister Watershed Using Baseflow Water Quality Monitoring Data</i> (Brad Austin, University of Arkansas Student)
10:55 - 11:20 <i>From The Creek Bank To The Classroom: Using Blue Thumb Training In ECU's Water Resource Policy And Management Master's Degree Program</i> (Drs. Christine Pappas & Terrie Becerra, ECU)	<i>Towards Rapid Floristic Quality Assessment Of Oklahoma Wetlands Using Plant Indicator Species</i> (Tommi Fouts, NSU)	<i>Watershed Management: From Concept To Implementation, A Drinking Water Utility Perspective</i> (Randy Easley, Central Arkansas Water)
11:20 - 11:45 <i>Get To Know YOUR Creek: Engaging the Community Through Blue Thumb</i> (Larissa Balzer, TNC [OCC Blue Thumb])	<i>Facilitating The Identification Of Wetland Restoration Locations Using A Rapid Desktop Protocol</i> (Sarah Galloway, OCC)	<i>Using The Soil And Watershed Assessment Tool (Swat) To Prioritize Conservation Efforts For Maximum Water Quality Benefits In The Little Beaver Creek Watershed, OK</i> (Dr. Brad Rogers, OCC)
11:45 - 12:10 <i>Falling And Rising: Results After Rebuilding A Water Program, The Iowa Tribe's Story</i> (Yvette Wiley, Iowa Tribe)	<i>Eufaula Wetland Park: Adventures In Partnership And Community-Based Ecological Design</i> (Jerry McCormick, Save Our Water)	<i>Evaluating The Least Cost Selection And Placement Of Crops And Agricultural Management Practices In The Five-Mile Creek Area Of Fort Cobb Watershed</i> (Solmaz Gharibdousti, OSU Student)

12:10 - 1:30 LUNCH (included) - OCLWA General Membership Meeting

1:30 p.m. ADJOURN CONFERENCE - THANK YOU!